WHAT IS CLAIMED IS:

1. A piezo-film speaker comprising:

a flat piezo-film curvedly supported to form at least one curved portion, said flat piezo-film having at least a radius (R) of curvature at each curved portion is in a range of $R \geq 200$ mm or an area (S) of a principal surface of said piezo-film is in a range of $S \geq 40$ cm^2.

2. The piezo-film speaker according to claim 1, wherein said flat piezo-film includes the characteristics of a radius (R) of curvature at each curved portion is in a range of $210mm \leq R \leq 360$ mm.

3. The piezo-film speaker according to claim 1, wherein said flat piezo-film includes an area S of a principal surface of said piezo-film is in a range of $40\ cm^2 \leq S \leq 100\ cm^2$.

4. The piezo-film speaker according to claim 1, wherein said flat piezo-film includes

a radius (R) of curvature at each curved portion is in a range of $210mm \leq R \leq 360$ mm and an area (S) of a principal surface of said piezo-film is in a range of $40\ cm^2 \leq S \leq 100\ cm^2$.

5. The piezo-film speaker according to claim 2, wherein said piezo-film speaker has a film thickness (t) of 110 μm.

6. The piezo-film speaker according to claim 3, wherein said piezo-film speaker has a film thickness (t) of 28 μm.

7. A motorcycle helmet including a hard, thin helmet shell, said helmet comprising:

a piezo-film speaker built into said helmet, wherein said piezo-film speaker includes a flat piezo-film curvedly supported to form at least one curved portion, said flat piezo-film having at least a radius (R) of curvature at each curved portion is in a range of $R \geq 200$ mm or an area (S) of a principal surface of said piezo-film is in a range of $S \geq 40$ cm^2.

8. The motorcycle helmet according to claim 7, wherein said flat piezo-film has a radius (R) of curvature at each curved portion in a range of $210mm \leq R \leq 360$ mm and an area S of a principal surface of said piezo-film in a range of $40\ cm^2 \leq S \leq 100\ cm^2$.

9. The motorcycle helmet according to claim 7, wherein said flat piezo-film has a radius (R) of curvature at each curved portion is in a range of $210mm \leq R \leq 360$ mm.

10. The motorcycle helmet according to claim 7, wherein said flat piezo-film has an area S of a principal surface of said piezo-film is in a range of $40\ cm^2 \leq S \leq 100\ cm^2$.

11. The motorcycle helmet according to claim 2, wherein said piezo-film speaker has a film thickness (t) of 110 μm.

12. The motorcycle helmet according to claim 3, wherein said piezo-film speaker has a film thickness (t) of 28 μm.

13. The motorcycle helmet according to claim 7, wherein said helmet further comprises:

a head liner fixed on an inner surface of said helmet shell;

a head inner removably and dividedly mounted so as to cover the head liner;

ear inners and a chin inner removably and dividely mounted with respective liners on the inner surface of said helmet shell;

14. The motorcycle helmet according to claim 13, wherein said helmet further comprises a plurality of said flat piezo-film speakers, each speaker mounted to said inner surface of said helmet shell.